

Abstract

Apparatus for molding plastic caps having inclined tabs integral with the lower edge of the cap skirt and radially inwardly extending ribs integral with the inner surface of the cap skirt. The tabs and ribs are formed by a plurality of blades having recesses on the ends thereof corresponding to the configurations of the tabs and ribs. The blades are mounted on a core and extend into a female mold having a cup-shaped cavity. A linear drive member is mounted on a fixed plate assembly and connected to a ratchet sleeve rotatably mounted on a movable plate assembly. The end of the ratchet sleeve is provided with circumferentially-spaced teeth engaging the lower peripheral edge of the cap skirt. Movement of the movable plate assembly relative to the fixed plate assembly causes the ratchet sleeve to rotate to move the molded tabs and ribs away from the recesses of the blades so that the finished cap can be stripped from the apparatus.